EP 0 681 760 A1

Selected ROL Sequences

CLASS I

Clone #	Flanking sequence	Random sequence	Flanking sequence	Affinity
15	TGAGATCTGGATCCGTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	++++
18	TGAGATCTGGAACCGTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	+++
32	TGAGATCTGGATTCGTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	+++
36	TGAGATCTGGATCCGTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	+++
82	TGAGATCTGGATCCGTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	+++
89	TGAGATCTGGATC GTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACC	GTCCTACGAATTCAGCTG	+++
22	TGAGATCTGGATCCGTTC	GGGGAAGGGAAGGTGAAAGCAAGAATTACT	GTCCTACGAATTCAGCTG	+++
33	GAGATCTGGATCCGTTC	GGGGAAGGGAAGGTGAAAGCAAAAATTACC	GTCCTACGAATTCAGCTG	+++
71	GAGATCTGGATCCGTTC	GGGGAAGGGAAGGTGAAAGTAAGAATTACC	GTCCTACGAATCCAGCTG	+++
73	TGAGATCTGGATCCGTTC	GGAGAAGGGAAGGTGAAGGCAGGAAATACC	GTCCTACGAATTCAGCTG	+++

CLASS II

21	TGAGATCTGGATCCGTTC	GACAAAACGGTAAAAAAGCGGTAGATTACC	GTCCTACGAATTCAGCTG	++++
14	TGAGATCTGGATCCGTTC	GACAAAACGGTAAAAAAGCGGTAGATTACC	GTCCTACGAATTCAGCTG	+++
19	TGAGATCTGGATCCGTTC	GACAAAACGGTAAAACTAAAGGTAACTGAC	GTCCTACGAATTCAGCTG	+++
29	TGAGATCTGGATCCGTTC	ATTGTACAGCGGTAAAAATCGGGAGTCT	GTCCTACGAATTCAGCTG	+++
5	TGAGATCTGGATCCGTTC	GAGCAGTAAAAGTAAGAAAGGCCCGTTTC	GTCCTACGAATTCAGCTG	++
60	TGAGATCTGGATCCGTTC	ATGCGGTAAATAAGTCCATCGGAACGTGT	GTCCTACGAATTCAGCTG	+
2	TGAGATCTGGATCCGTTC	GGTAAAAATGAGCAGGGGATCGAAAT	GTCCTACGAATTCAGCTG	+
39	TGAGATCTGGATCCGTTC	AAACAGTGAAATGGGGCACGGTAGAACTA	GTCCTACGAATTCAGCTG	+
61	TGAGATCTGGATCCGTTC	AGAATAGAAAGAGGACGGTTAAAAACTA	GTCCTACGAATTCAGCTG	+

FIGURE 1

Transient Assays with 3-day Maize Roots

(an average of three experiments)

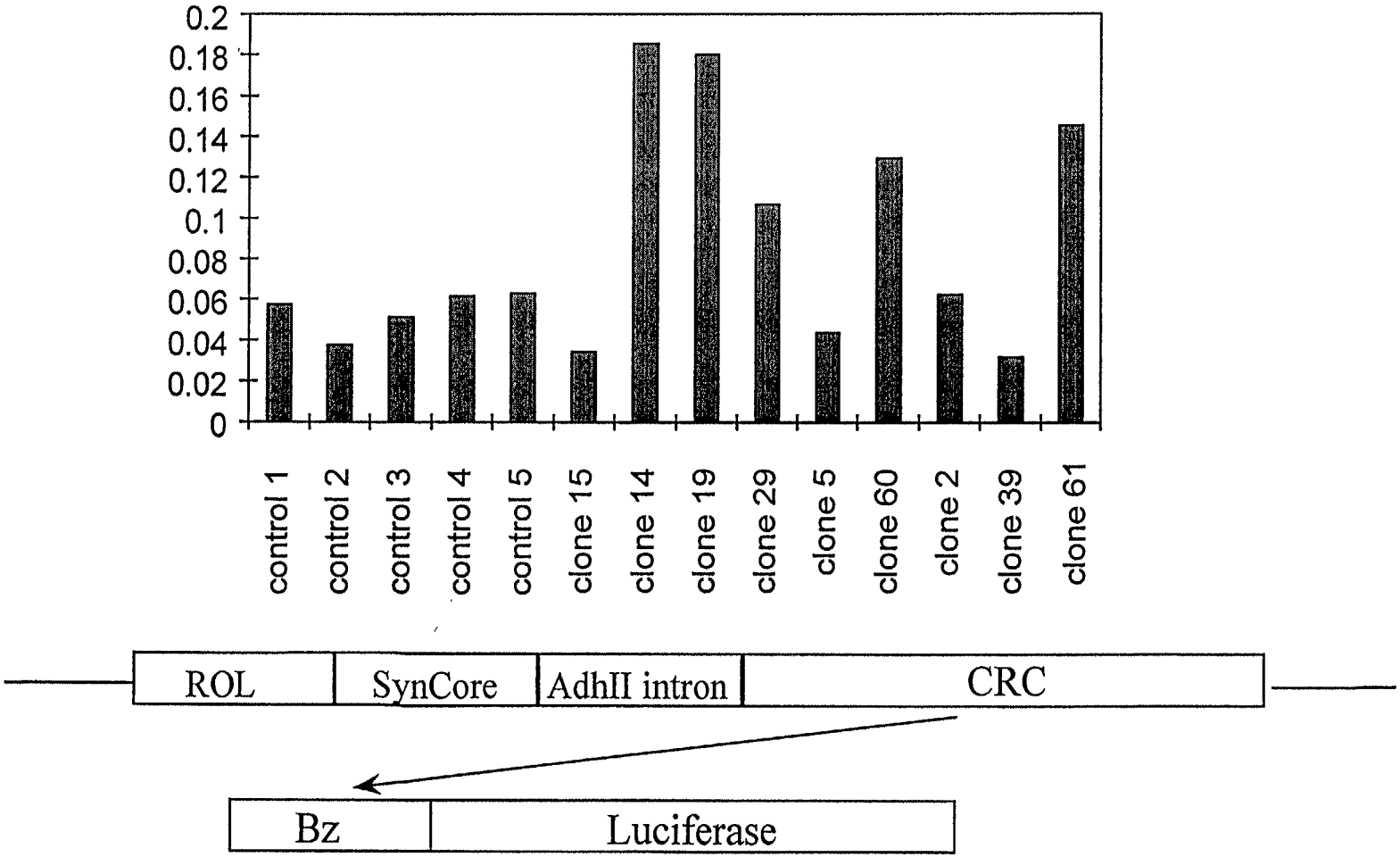

FIGURE 2

FOSTER ET 99260

Transient Assays with 3-day Maize Shoots

(data from three experiments)

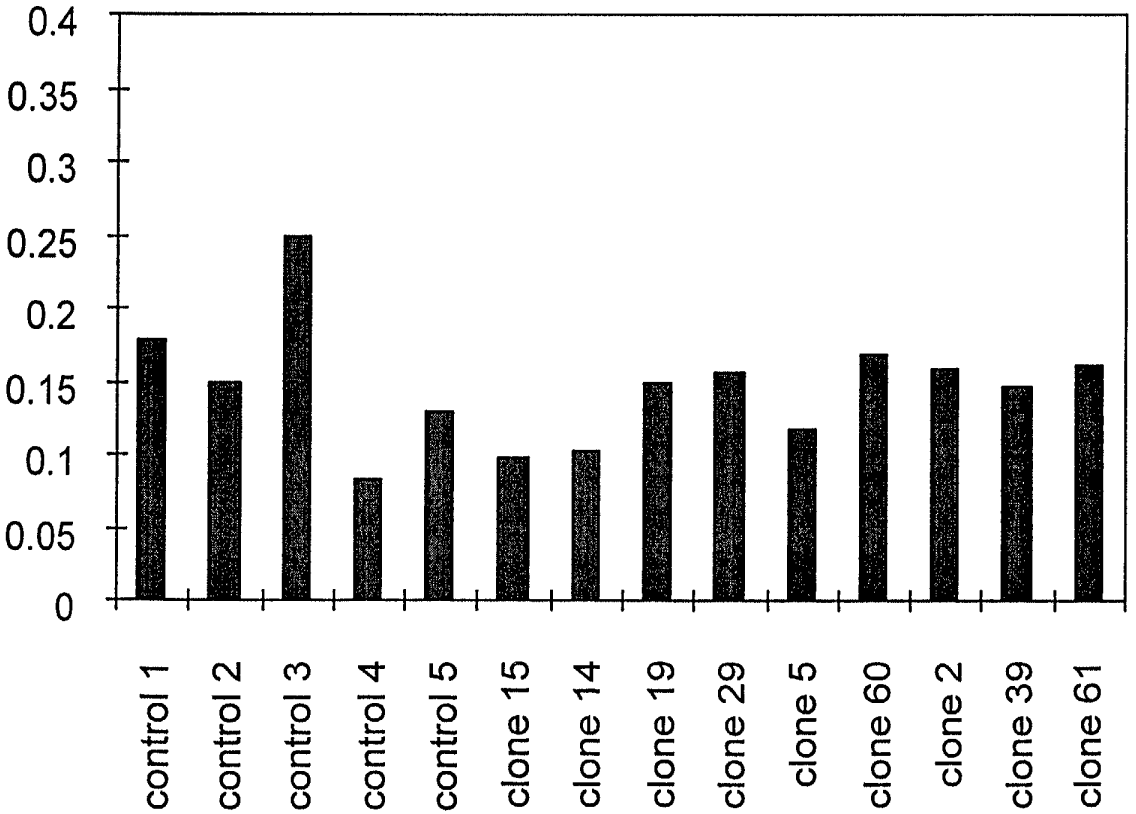

FIGURE 3